

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L2 | 813 | ((word adj line) with pitch) and (((digit or data or bit) adj line) with pitch) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/22 11:33 |
| L3 | 516 | 2 and (intersect\$4 or (cross\$4 adj point) or cross\$4-point) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/22 11:17 |
| L8 | 24 | 3 and (memory and (polyimide or polymer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/22 11:30 |
| L9 | 1 | 8 and ferro\$6ic | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/22 11:31 |
| L10 | 492 | 3 not 8 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/22 11:31 |
| L11 | 334 | 10 and (perpendicular\$3 or orthogonal\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/22 11:33 |
| L12 | 16 | 11 and (((word adj line) with pitch) and (((digit or data or bit) adj line) with pitch)).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/22 11:34 |
| L13 | 16 | 12 not intel | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/22 11:34 |
| S1 | 17 | "6512263" | USPAT | OR | OFF | 2005/04/19 11:39 |
| S2 | 7 | ((("5640343") or ("6269018") or ("20030214837") or ("20020075719") or ("6034882") or ("6055179") or ("5488681") or ("5101323") or ("5940319")).PN. | USPAT; USOCR | OR | OFF | 2005/04/19 11:42 |
| S4 | 9 | ((("5640343") or ("6269018") or ("20030214837") or ("20020075719") or ("6034882") or ("6055179") or ("5488681") or ("5101323") or ("5940319")).PN. | US-PGPUB; USPAT; USOCR; EPO; IBM_TDB | OR | OFF | 2005/04/19 11:43 |
| S5 | 1 | ("20050045930").PN. | US-PGPUB; USPAT; USOCR; EPO; IBM_TDB | OR | OFF | 2005/04/19 11:44 |
| S7 | 5 | Isenberger-Mark-S.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/19 11:48 |
| S8 | 26 | S1 S2 S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/19 11:48 |

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| S9 | 5 | S8 and (polymer or pol\$3mer) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/19 11:52 |
| S10 | 9 | S8 and (polymer or pol\$3de) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/19 11:54 |
| S11 | 11 | "6515888" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/19 11:54 |
| S12 | 11 | ("5541868" "5640343" "5695864" "5734605" "5764567" "5793697" "5801984" "5841692" "6072718" "6114719" "6130835").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/19 12:08 |
| S13 | 9 | ("6515888").URPN. | USPAT | OR | OFF | 2005/04/19 12:10 |
| S15 | 9 | (US-20050045930-\$ or US-20020075719-\$).did. or (US-6879505-\$ or US-6822903-\$ or US-6750069-\$ or US-6515888-\$ or US-6512263-\$ or US-6034882-\$ or US-6839262-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/04/19 12:16 |
| S16 | 6 | S15 and (polymer or pol\$4de) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/19 12:20 |
| S17 | 9 | S15 and (ferroelectric or ferromagnetic or magnet\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/19 12:23 |
| S18 | 2 | S15 and ((ferroelectric or ferromagnetic or magnet\$4 or electromagnet\$4) near2 memory) and (bit adj line) and (word adj line) and (polymer or polyimide or pol\$4mer or pol\$4de) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/19 12:25 |
| S19 | 439 | ((ferroelectric or ferromagnetic or magnet\$4 or electromagnet\$4) near2 memory) and (bit adj line) and (word adj line) and (polymer or polyimide or pol\$4mer or pol\$4de) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/19 12:28 |
| S20 | 436 | S19 not (S1 S2 S4 S5 S7 S8 S9 S10 S11 S12 S13 S15 S16 S17 S18) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/19 12:26 |
| S22 | 38 | S20 and ((polymer or polyimide or pol\$4mer or pol\$4de) near3 memory) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/19 12:27 |
| S23 | 19 | S22 and ((ferroelectric or ferromagnetic or magnet\$4 or electromagnet\$4) near2 (polymer or polyimide or pol\$4mer or pol\$4de)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/20 12:12 |
| S24 | 40 | S20 and ((ferroelectric or ferromagnetic or magnet\$4 or electromagnet\$4) near2 (polymer or polyimide or pol\$4mer or pol\$4de)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/19 12:29 |
| S26 | 4 | S24 and ((word adj line) same (space or distance)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/19 12:30 |

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|-----|-----|---|---|----|----|------------------|
| S27 | 18 | S24 not (S23 S26) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/19 12:33 |
| S28 | 213 | ((ferroelectric or ferromagnetic or magnet\$4 or electromagnet\$4) near2 (polymer or polyimide or pol\$4mer or pol\$4de)) with memory | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/20 12:17 |
| S29 | 25 | S28 and (word adj line) and ((data adj line) or (bit adj line)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/20 12:17 |
| S30 | 188 | S28 not S29 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/20 12:17 |
| S31 | 42 | S30 and (((ferroelectric or ferromagnetic or magnet\$4 or electromagnet\$4) near2 (polymer or polyimide or pol\$4mer or pol\$4de)) with memory).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/20 12:18 |
| S32 | 12 | S30 and (((ferroelectric or ferromagnetic or magnet\$4 or electromagnet\$4) near2 (polymer or polyimide or pol\$4mer or pol\$4de)) with memory).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/20 12:20 |
| S33 | 34 | S31 not S32 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/20 12:36 |
| S34 | 146 | S30 not S31 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/20 12:37 |
| S35 | 83 | S34 and (distance or space) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/20 12:38 |
| S36 | 0 | S34 and ((distance or space) with ((bit adj line) or (word adj line))) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/20 12:38 |
| S37 | 251 | "6034882" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/20 14:44 |
| S38 | 36 | S37 and (ferroelectric or ferromagnetic or magnet\$4) and (polymer or polyimide) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/20 15:43 |
| S39 | 17 | S38 and (word and bit) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/20 14:46 |
| S40 | 19 | S38 not S39 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/20 15:44 |

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|-----|-----|---|---|----|-----|------------------|
| S41 | 1 | "20040214379" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/20 17:56 |
| S42 | 18 | (US-20020028541-\$ or US-20020075719-\$ or US-20040209420-\$ or US-20040256649-\$ or US-20050045930-\$ or US-20050058010-\$).did. or (US-6034882-\$ or US-6512263-\$ or US-6515888-\$ or US-6591394-\$ or US-6735104-\$ or US-6750069-\$ or US-6822903-\$ or US-6839262-\$ or US-6841818-\$ or US-6858862-\$ or US-6879505-\$ or US-6881994-\$).did. | US-PGPUB; USPAT | OR | ON | 2005/04/20 18:09 |
| S43 | 7 | S42 and (ferroelectric and polymer) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/20 18:11 |
| S44 | 8 | "6004825" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/20 18:11 |
| S45 | 4 | ("3303177" "5307311" "6449184").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/20 18:17 |
| S47 | 42 | ("3576549" "3582908" "3634929" "3671948" "3717852" "3728695" "3787822" "3863231" "3990098" "4146902" "4203123" "4203158" "4281397" "4419741" "4420766" "4442507" "4494135" "4499557" "4507757" "4543594" "4569121" "4646266" "4820657" "4823181" "4876220" "4881114" "4899205" "4922319" "4943538" "5070383" "5311039" "5334880" "5391518" "5441907" "5463244" "5536968" "5675547" "5737259" "5751012" "5776810" "5835396" "5883409").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/20 18:19 |
| S48 | 114 | ("6034882").URPN. | USPAT | OR | ON | 2005/04/20 18:21 |
| S49 | 7 | ((("5640343") or ("6269018") or ("20030214837") or ("20020075719") or ("6034882") or ("6055179") or ("5488681") or ("5101323") or ("5940319"))).PN. | USPAT; USOCR | OR | OFF | 2005/04/21 10:30 |
| S50 | 2 | S49 and (ferroelectric) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/20 18:31 |
| S51 | 59 | (ferroelectric adj (polyimi\$3 or polymer\$3)) near2 memory | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 11:08 |
| S52 | 13 | S51 and (word adj line) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 10:39 |
| S54 | 38 | (S51 not S52) and (cross\$4 or intersecti\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 10:40 |
| S55 | 4 | ("5592643" "6210979" "6337032" "6420190").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/21 10:53 |
| S56 | 111 | (ferroelectric near2 (polyimi\$3 or polymer\$3)) near2 memory | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 11:08 |

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| S57 | 60 | S56 not (S52 S54 S55) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 11:09 |
| S58 | 14 | S57 and (cross\$4 or intersect\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 11:25 |
| S59 | 46 | S57 not S58 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 11:25 |
| S60 | 2 | S59 and ((word adj line) or (bit adj line)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 11:44 |
| S61 | 61 | ((polymer or polyimide) adj memory) with ferroelectric | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 12:25 |
| S62 | 27 | "5969380" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 11:45 |
| S63 | 24 | "5342648" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 11:45 |
| S64 | 51 | S62 S63 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 11:48 |
| S66 | 2 | S64 and (polymer or polyimide) and ferro\$6 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 11:46 |
| S67 | 14 | S61 not (S52 S54 S55 S58 S60) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 12:01 |
| S69 | 23 | (intel adj corporation) and (polymer near memory) and ferroelectric | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 12:02 |
| S70 | 4 | ((polymer or polyimide) adj memory) and (((word adj line) and (bit adj line)) with (distance or space or density)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 12:30 |
| S71 | 1367 | memory and (((word adj line) and (bit adj line)) with (distance or space or density)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 12:31 |
| S72 | 1186 | S71 and (cross\$4 or intersect\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 12:32 |

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|-----|------|---|---|----|----|------------------|
| S74 | 262 | S72 and ferro\$6ic | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 12:32 |
| S75 | 1367 | memory and (((word adj line) and (bit adj line)) with (distance or space or density)) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 14:33 |
| S76 | 1186 | S75 and (cross\$4 or intersect\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 14:33 |
| S77 | 262 | S76 and ferro\$6ic | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 14:38 |
| S78 | 262 | S77 and (intersect\$4 or cross\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 14:38 |
| S79 | 11 | S77 and (polymer or polyimide) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 14:39 |
| S80 | 11 | S79 not intel | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 14:48 |
| S81 | 251 | S78 not S79 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 14:49 |
| S82 | 251 | S81 not intel | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 14:49 |
| S83 | 206 | S82 and ((word adj line) or (bit adj line) or (digit adj line) or (data adj line)) with (space or distance) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 14:50 |
| S84 | 115 | S82 and ((word adj line) or (bit adj line) or (digit adj line) or (data adj line)) same (space or distane) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 14:52 |
| S85 | 109 | S84 and layer | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 14:51 |
| S86 | 76 | S85 and width | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 14:51 |
| S87 | 58 | S85 and ((word adj line) or (bit adj line) or (digit adj line) or (data adj line)) same (width) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 14:52 |

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| S89 | 58 | S87 and (array or plural\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 14:53 |
| S91 | 52 | S89 and substrate | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/04/21 14:57 |
| S96 | 7 | ("5640343" "6097625" "6130835" "6191972" "6215707" "6256224" "6256247").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/21 15:49 |
| S97 | 17 | ("3037199" "4722073" "4860254" "4887236" "5025416" "5039655" "5055158" "5173873" "5276639" "5329486" "5343422" "5347485" "5361226" "5432734" "5448515" "5449935").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/21 15:50 |
| S98 | 230 | ("5640343").URPN. | USPAT | OR | ON | 2005/04/21 15:53 |
| S99 | 21 | ((word adj line) near3 distance) and (((digit or data or bit) adj line) near distance) | USPAT | OR | ON | 2005/04/21 15:56 |
| S10 0 | 80 | ((word adj line) near3 distance) and (((digit or data or bit) adj line) near3 distance) | USPAT | OR | ON | 2005/04/22 11:14 |
| S10 1 | 80 | S100 not intel | USPAT | OR | ON | 2005/04/21 15:57 |
| S10 2 | 4 | S101 and memory and polymer | USPAT | OR | ON | 2005/04/21 16:01 |
| S10 3 | 5 | (S101 not S102) and (center adj line) | USPAT | OR | ON | 2005/04/21 16:18 |
| S10 4 | 75 | S101 not S103 | USPAT | OR | ON | 2005/04/21 17:30 |
| S10 5 | 222 | ((word adj line) near2 pitch) and (((bit or digit or data) adj line) near2 pitch) | USPAT | OR | ON | 2005/04/21 17:31 |
| S10 6 | 200 | S105 not S101 | USPAT | OR | ON | 2005/04/21 17:31 |
| S10 8 | 13 | S106 and (polymer) | USPAT | OR | ON | 2005/04/21 17:32 |
| S10 9 | 22 | S106 and (polymer or polyimide) | USPAT | OR | ON | 2005/04/21 17:35 |
| S11 1 | 1 | S109 and ferro\$6ic | USPAT | OR | ON | 2005/04/21 17:33 |